

Date: Wed, 27 Jan 93 04:30:02 PST  
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>  
Errors-To: Packet-Radio-Errors@UCSD.Edu  
Reply-To: Packet-Radio@UCSD.Edu  
Precedence: Bulk  
Subject: Packet-Radio Digest V93 #25  
To: packet-radio

Packet-Radio Digest                    Wed, 27 Jan 93                    Volume 93 : Issue 25

Today's Topics:

    Info needed on 2m & 70cm Satellite connections.

        ip

        KISS MODE

        mfj1270b & alinco 580

    Q: Information for a beginner

        Station equipment sale

        TEXNET and the RCA-700

        TheNET X1-H problems

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>

Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 26 Jan 1993 11:43:17 GMT  
From: munnari.oz.au!metro!usage!newt.phys.unsw.edu.au!jeice@uunet.uu.net  
Subject: Info needed on 2m & 70cm Satellite connections.  
To: packet-radio@ucsd.edu

At the moment I am pretty new to amateur radio but would like to know some  
info about connecting and using amateur satellites on 2m and 70cm  
I would like to hear from people (especially from Sydney Australia) about  
how they have achieved connections and describe what kind of setup you are using  
( radio , antenna etc).  
Also is it difficult (or possible) to DX on 2m and 70cm using repeaters or  
satellites

Any info or help appreciated  
Regards

Jose

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Jose Goikoetxea      ##### TECNOFORCE #####      jeice@newt.phys.edu.au

~~~~~  
The Wave Of The Future!!

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Date: 27 Jan 93 00:50:32 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ip  
To: packet-radio@ucsd.edu

> 44.068.1-32 Bob Foxworth      K2EUH      New York: NYC & Long Island

He hasn't answered his phone for the past 4 months, anyone know of  
another way to get an ip address?

--  
Daniel Drucker      N2SXX      Coconut seashells whispering to me  
daniel@mertwig@uunet.uu.net      "Forever, forever, my Coda..."  
begin 266]U(&AA=F4@;F\@;&EF92X: ` end

-----  
Date: 26 Jan 93 19:06:35 GMT  
From: ogicse!reed!henson!news.u.washington.edu!stein.u.washington.edu!  
dbillon@network.UCSD.EDU  
Subject: KISS MODE  
To: packet-radio@ucsd.edu

I am looking for the specifications of the KISS MODE. Is there such a  
document somewhere ?

73, damien, FC1PLI.      Please answer to dbillon@u.washington.edu

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Date: Tue, 26 Jan 1993 18:00:04 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!  
swrinde!gatech!emory!kd4nc!ke4zv!gary@network.UCSD.EDU  
Subject: mfj1270b & alinco 580  
To: packet-radio@ucsd.edu

In article <9301251455.AA20574@huntsville.sparta.com> harper@huntsville.sparta.COM

(Christie Harper) writes:

>i recently bought an mfr1270b for packet. when i got it out of the box and  
>turned it on i found it was generating a very strong signal at 144.979 Mhz.  
>in fact it is strong enough that my son could send me signals with about 50  
>feet seperating the 1270b and my ht. is this normal or do i need to send it  
>back :(

This is normal, though the exact frequency varies. It's a multiple of the microprocessor clock. There are two things you can do. You can get rid of it by scraping the paint on the box so that the lid and bottom plate are electrically connected, or you can "tweak" the microprocessor crystal to a less annoying frequency with a gimmick capacitor. This is a common complaint, and AEA's PK-232 has the same problem with painted surfaces so don't blame MFJ too much. Look at it this way, you could have a TNC with a \*plastic\* case. ARRGH!

You \*are\* using all shielded cables aren't you? You \*have\* decoupled the power cord with a couple of .001s haven't you?

>as a side note has anyone connected a dj580 and an mfj1270 together.  
>specifically what value of resistor do i need to activate the ptt line.

This is the circuit I recomend for "leaky PTT" style HTs. Check to see that your dj580 is wired like Icom and Yaesu before wiring that end.

TNC PTT-----))))))))))-----> radio tip (audio)  
=====

TNC AF OUT-----))))))))))----X-----> radio sleeve (gnd)  
|  
TNC GND-----|

You can rip a suitable transformer out of an old transistor radio or buy one from Radio Shack. Just heatshrink it into the cable.

Note2: Don't try to use your rubber ducky for packet. You'll get RF feedback into the TNC through the cable. Use a remote antenna and it'll work much better.

Gary

--

|                             |  |              |  |                          |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV          |  | You make it, |  | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems |  | we break it. |  | uunet!rsiatl!ke4zv!gary  |
| 534 Shannon Way             |  | Guaranteed!  |  | emory!kd4nc!ke4zv!gary   |
| Lawrenceville, GA 30244     |  |              |  |                          |

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Date: 26 Jan 93 00:50:04 GMT

From: pipex!demon!horse.demon.co.uk!tomd@uunet.uu.net  
Subject: Q: Information for a beginner  
To: packet-radio@ucsd.edu

Hi, I'm looking for more information on packet radio than is provided by the FAQ. I'm not interested in technical details so much as gaining a broad understanding of just what the state of the art is.

My ideal scenario would be this: I'm travelling around Europe, the USA or wherever in a campervan, and am able to use packet radio to send and receive email, gatewayed to the Internet. (I wouldn't expect to be able to keep up with alt.\*)

How possible is this?

I'm sure I'll have some more detailed questions when I understand a bit more, but for now I would be grateful if someone could point me in the direction of more packet radio info.

Thanks,

Tom

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Tom Davies - 14 Rotterdam Drive, London E14 3JA, 071 987 0392  
- tomd@horse.demon.co.uk

-----PGP 2.0 PUBLIC KEY AVAILABLE-----

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Date: Tue, 26 Jan 1993 19:17:51 GMT  
From: usc!howland.reston.ans.net!spool.mu.edu!darwin.sura.net!gatech!nsrf!wa4phy!  
sam@network.UCSD.EDU  
Subject: Station equipment sale  
To: packet-radio@ucsd.edu

Sorry if this isn't the right place to post this, but since it is packet oriented, maybe somebody would like a complete working station..

Flames to /dev/null :-)

Complete station sellout. Some items are paired, others can be separated. No reasonable offer refused.

1. 486-33 64k cache, 8mb + brand new 245 meg IDE and refurb 130 meg IDE, WD8003e, ET4000 chipset video w/ 1meg, Wangtek 5099en with Wangtek PC-III controller. AST 4-port board w/16550a's, 1.2 and 1.44 floppies. Goldstar SVGA monitor, 1024x768, 1 year old. Asking \$2000.00.

2. 286-10, 1meg, Dual 1.2's. Sigma Designs 19" LaserView monitor, 1660x1200, mono, with video card. WD8003e ethernet card and 40m Microscience Int'l Drive, 1:1 WD controller, 2s, 1p. Asking \$600.00.
3. Boca v.32/v.32bis 14.4k External modem with FAX, 3 months old. Must be sold with 486 system, or if 486 goes first, then will split. \$200.00
4. Icom IC-229-H, perfect condx, no problems, I bought it new. \$280.00
5. Icom IC-228-A, excellent condition, also bought new. \$250.00
6. MFJ 1270 and 1270b TNC's. \$100.00 each. Firm. Prefer to sell with radios.
7. Astron RS-12 and RS-20 power supplies. Both in service, no problems. \$125.00 for RS-20, \$50.00 for RS-12.
8. Systron Donner 13.8v @ 80A. Lab grade supply. In service now. \$100.00 That is a pickup item due to weight, unless you pay shipping. approx 115 lbs.
9. Motorola Triton, VHF radio, converted to 2 meters, currently working as packet node. \$100.00
10. IBM 6157-002 external 150 meg tape drive. New. \$100.00. No controller card. QIC-02.
11. Wangtek 5099-EN, with PC-I controller card. \$125.00.

Those are all the major items. Prices are "best guess" and may seem or even be high for some. Have not kept up with radio/pwr supply prices.

Prepay with money order or Cashiers Check and I ship. Otherwise, you pay shipping for COD. (All items except 80A supply). I guarantee all stuff to be working when shipped, and working when you get it, barring Murphy. I'll refund for DOA. Some computer equipment is still under warranty. I can handle warranty, or provide invoices and you can do it.

I prefer e-mail on first contact, then telephone.

--

S.W. Drinkard | Internet: sam@wa4phy.async.com  
4428 Branchwood Drive | Internet: sam@galois.nscf.org  
Martinez, GA 30907 | Amprnet : sam@wa4phy.ampr.org  
(706) 868-8029

-----  
Date: 26 Jan 93 02:20:04 GMT  
From: pa.dec.com!engage.pko.dec.com!nntpd.lkg.dec.com!sousa.tay.dec.com!  
bobseg.enet.dec.com!segrest@decwrl.dec.com  
Subject: TEXNET and the RCA-700  
To: packet-radio@ucsd.edu

Greetings,

I have just closed a deal on a RCA-700 transceiver. The fellow that I bought it from told me that there were a lot of them in use in the Texas TEXNET. He further indicated that it had been converted for use on 446.1 mhz using TEXNET modification instructions.

The bad news is that he did not have any documentation. I would really like to get my hands on the manual/schematics for the RCA-700 and the conversion documentation published by TEXNET.

If there is anyone that can put me in touch with someone in TEXNET ?

--  
Bob Segrest  
segrest@bobseg.enet.dec.com

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Date: 26 Jan 93 13:00:18 GMT  
From: pa.dec.com!engage.pko.dec.com!nntpd.lkg.dec.com!sousa.tay.dec.com!  
bobseg.enet.dec.com!segrest@decwrl.dec.com  
Subject: TheNET X1-H problems  
To: packet-radio@ucsd.edu

Greetings,

We have been using the X1H release since early December in the Culpeper, Virginia area. It is running in a PACCOMM Tiny-2 (upgraded to 10mhz) and it is the primary TCP/IP router for this area. We did have a single occurrence where the IP routing functions on the node seemed to just stop. As the NETROM and AX25 functions all worked it took a couple of days to recognize where the problem was. We did a remote reset, reloaded the arp and rout entries and it has run without a glitch for the last four weeks. The local TCP/IP nodes are all running JNOS. The only other traffic is simple AX25 stuff. The NETROM stuff is working fine, all thought we do not use it. I have never been able to get the X1G or X1H node to return a ping. However, I suspect that this has something to do with the fact that the node call is KD4PWU-5 and my JNOS bbs call is KD4PWU-8. Other stations on the network have been able to ping both versions without a problem (I think). The primary reasons we chose to use the

X1x versions are the IP routing and talk capabilities.

Hope this helps.....

--  
Bob Segrest  
segrest@bobseg.enet.dec.com

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Date: Mon, 25 Jan 1993 18:08:48 -0500  
From: agate!spool.mu.edu!sol.ctr.columbia.edu!eff!news.oc.com!utacfd.uta.edu!  
rwsys!ricksys!lawton!red.uucp!terry@ames.arpa  
To: packet-radio@ucsd.edu

References the, South, Pacific.colum  
Reply-To : terry%red@lawton.lonestar.org  
Subject : Re: e-mail via packet radio in the South Pacific

In <1993Jan21.195946.5345@cbnewsc.cb.att.com>, ralph.s.chapman writes:  
>I'm helping some friends who are moving to Western Samoa get connected for  
>e-mail there, and I'd like to find out if it's possible to do it via packet  
>radio.  
>  
>Does anyone know whether packet radio is used among the islands in the  
>South Pacific?  
>  
>I got a list of "ampr.org" nodes from netfind@archie.au and compared the  
>names to a list of DX callsign prefixes, but the only South Pacific ones I  
>could find were VK's (Australia)-- probably too far from Western Samoa to  
>make effective contact directly. But if there are nodes on the islands in  
>between, perhaps it might work.  
>  
>Can anyone give a clue about how to find out where there are packet nodes  
>in the islands?  
>  
>--Ralph Chapman

Ralph its a good question. I have an interest in someday working for the University of the South Pacific at Fiji and would like to know the answer too.

I suggest you send a packet message to all @ ALLOC.oc and see what kind of response you get. Good luck. 73 Terry

--  
DOMAIN: terry%red@lawton.lonestar.org (Terrence R. Redding)  
UUCP: . . . !rwsys!lawton!red!terry (Terrence R. Redding)  
PACKET: WB5LMJ @ WB5MJS.OK.USA.NA

Voice 405 536-8822, Ben's Place (Benjamin Franklin) BBS 536-6988 9p to 6a  
PhD candidate, University of Oklahoma in Adult and Higher Education  
Educational Advisor, American Radio Relay League  
221 SW Crystal Hills Drive, Lawton, Oklahoma 73505

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End of Packet-Radio Digest V93 #25

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